

Resource Management Strategies in the 2013 Water Plan Update

A critical overview

What are they?

- A Resource Management Strategy includes projects, programs or policies that help local agencies and governments manage their water and related resource.
- 24 RMS in Update 2005;
- 27 RMS in Update 2009;
- ? RMS in Update 2013.

How RMS will be worked into the 2013 Update.

➤ From Update 2009:

- More quantitative information on the performance of various strategies;
 - Scenarios and Sustainability Indicators
- More on interactions between strategies, tradeoffs and potential groupings of strategies.
 - In front of the RMS volume

What we're planning for 2013

- Light revise and update for most RMS.
- Heavier revision for a few active RMS.
- More quantitative information on the benefits of various strategies; from the modeling Scenarios.
- Substantive new work with RMS will be done in the Regional Reports.
- Progress Report will include implementation of RMS

27 Resource Management Strategies

Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers

- Conveyance – Delta
- Conveyance – Regional / Local
- System Reoperation
- Water Transfers

Increase Water Supply

- Conjunctive Management & Groundwater Storage
- Desalination – Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage – Regional / Local

Improve Flood Management

- Flood Risk Management

Improve Water Quality

- Drinking Water Treatment & Distribution
- Groundwater / Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Salt & Salinity Management
- Urban Runoff Management

Practice Resource Stewardship

- Agricultural Lands Stewardship
- Economic Incentives
(Loans, Grants & Water Pricing)
- Ecosystem Restoration
- Forest Management
- Land Use Planning & Management
- Recharge Areas Protection
- Water-Dependent Recreation
- Watershed Management

Other – Crop idling, dew vaporization, fog collection, irrigated land retirement, rainfed agriculture, waterbag transport

Why revise RMS?

Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Why revise?

- Incorporate SB7x decisions made by California Water Commission
- Progress on 20 x 2020, new UWMPs

Why revise RMS?

Improve Operational Efficiency & Transfers

- Conveyance - Delta

Why revise?

- Incorporate information from BDCP and the DSC's Delta Plan

Why revise RMS?

Increase Water Supply

- Conjunctive Management & Groundwater Storage

Why Revise?

- Incorporate new information and synthesis from the Groundwater Caucus

Why revise RMS?

Improve Water Quality

- Drinking Water Treatment and Distribution

Why revise?

- Incorporate new information on drinking water in disadvantaged communities and Tribes

Why revise RMS?

Practice Resource Stewardship

- Urban Land Use Management
- Water-Dependent Recreation
- Forest Management

Why revise?

- Demonstrate pilot uses of decision tool.
- Invasives, park use, beach protection and sand replenishment
- New meadow survey

Why revise RMS?

- Flood Risk Management
- Incorporate results of Statewide Flood Management Planning Program and Flood Caucus.

Questions

- Knowing that 2009 is the foundation for 2013 -
What would you add, change or subtract to our list of RMS strategies?
 - Strategies that need more work?
 - Any new strategies?
- Do you have suggested improvements to the RMS strategy outline?

Other

- Please list new draft RMS's you would be willing to review early next year.

RMS in the Regional Reports

➤ Questions we wish to answer:

- What RMS strategies are being used in the Region?
- What is the potential for each RMS in the Region?
- What are the barriers for using the RMS's in the Regions?
- What is the best mix of RMS strategies for the Region (Scenarios)?
- What are the benefits of bundled RMS strategies for this Region?

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